

ABSTRACT OF THE DISCLOSURE

The active noise attenuation system comprises a speaker, a control unit in communication with the speaker, and a memory unit in communication with the control unit storing cancellation waveform data. The system uses the stored
5 cancellation waveform data to create a cancellation waveform through a speaker in proximity to an air induction system to thereby attenuate engine noise. Sensors serve to trigger the release of the cancellation waveform as well as to affect the form of the cancellation waveform to ensure noise attenuation.

10

N:\Clients\SIEMENS\Auto\IP00258\Patent\Application - Offline Active Control of Noise.doc

09/27/25 10:08:01